

Appl. No. 10/701,530
Amendment dated: March 25, 2006
Reply to OA of: December 27, 2005

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1(currently amended). ~~[[An]]~~ A catalyst suitable for converting carbon monoxide and water to hydrogen and carbon dioxide comprising a metal oxide carrier wherein said carrier comprises ~~comprising~~ a copper oxide, an aluminum oxide, and a metal oxide selected from the group consisting of zinc oxide, chromium oxide, and magnesium oxide, ~~characterized in that~~ wherein said catalyst further comprises, supported on said metal oxide carrier, 0.1-10% platinum (Pt) and 0-5% rhenium (Re), based on the weight of said metal oxide carrier.

2(original). The catalyst as claimed in Claim 1, wherein said metal oxide carrier comprises a copper oxide, an aluminum oxide, and a zinc oxide, wherein said metal oxide carrier comprises 25-55% copper, based on the weight of said metal oxide carrier.

3(currently amended). The catalyst as claimed in Claim 1, wherein ~~[[aid]]~~ said catalyst comprises 0.5-5% Pt, based the weight of said metal oxide carrier.

4(original). The catalyst as claimed in Claim 1, wherein said catalyst comprises 0.1-3% Re, based on the weight of said metal oxide carrier.

Claims 5-10(canceled).

11(new). A catalyst for converting carbon monoxide and water to hydrogen and carbon dioxide comprising a metal oxide carrier comprising a copper oxide, an aluminum oxide, and a zinc oxide, wherein said metal oxide carrier comprises 25-55% copper, based on the weight of said metal oxide carrier, wherein said catalyst further

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comprises, supported on said metal oxide carrier, 0.1-10% platinum (Pt) and 0-5% rhenium (Re), based on the weight of said metal oxide carrier.

12(new). The catalyst as claimed in claim 11, wherein said catalyst comprises 0.5-5% Pt, based on the weight of said metal oxide carrier.

13(new). The catalyst as claimed in claim 12, wherein said catalyst comprises 0.1-3% Re, based on the weight of said metal oxide carrier.